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**Streamflow Forecast Summary: April 1, 2013
(averages based on 1981-2010 reference period)**

Lake Tahoe	Forecast Period	Forecast Exceedance Probabilities for Risk Assessment Chance that actual volume will exceed forecast						
		90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
Marlette Lake Inflow	APR-JUL	16.7	131	325	39157%	622	983	0.83
Lake Tahoe Rise (Gates Closed) ¹	APR-JUL							

- 1) 90% and 10% exceedance probabilities are actually 95% and 5%
 2) Forecasts are for unimpaired flows. Actual flow will be dependent on management of upstream reservoirs and diversions
 3) Median value used in place of average

Truckee River	Forecast Period	Forecast Exceedance Probabilities for Risk Assessment Chance that actual volume will exceed forecast						
		90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
Sagehen Ck nr Truckee	APR-JUL	1.1	1.27	1.25	22%	1.54	1.78	5.6
L Truckee R ab Boca Reservoir	APR-JUL	3.2	13.1	44		75	120	
Truckee R at Farad	APR-JUL	6.7	74	120		166	233	
Steamboat Ck at Steamboat	APR-JUL	0.16	0.66	1.3	17%	2.3	4.4	7.7
Galena Ck at Galena Ck State Pk	APR-JUL	1.12	1.82	2.3		2.8	3.5	
Pyramid Lake Elevation Change ¹	APR-JUL							

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Carson River	Forecast Period	Forecast Exceedance Probabilities for Risk Assessment Chance that actual volume will exceed forecast						
		90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
EF Calrson R nr Gardnerville	APR-JUL	46	75	95	51%	115	144	186
WF Casrson R nr Woodfords	APR-JUL	13.1	23	30	56%	37	47	54
Carson R nr Carson City	APR-JUL	44	58	70	39%	83	105	179
Marlette Lake Inflow	APR-JUL	16.7	131	325	39157%	622	983	0.83
King Canyon Ck nr Carson City	APR-JUL	0.004	0.042	0.15	52%	0.32	0.58	0.29
Carson R at Ft Churchill	APR-JUL	28	43	56	33%	71	98	171
Ash Canyon Ck nr Carson City	APR-JUL	0.25	0.55	0.55	47%	0.97	1.27	1.17

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Forecast Exceedance Probabilities for Risk Assessment Chance that actual volume will exceed forecast								
Walker River	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
E Walker R nr Bridgeport	APR-AUG	3.6	26	42	62%	58	80	68
W Walker R bl L Walker nr Coalville	APR-JUL	59	84	100	62%	116	141	162
W Walker R nr Coalville	APR-JUL	93	98	101	62%	104	109	163
Walker Lake Elevation Change ¹	APR-JUL							

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3) Median value used in place of average

Forecast Exceedance Probabilities for Risk Assessment Chance that actual volume will exceed forecast								
Northern Great Basin	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
Eagle Ck nr Eagleville	APR-JUL	0.69	2.1	2.8		3.9	5.3	
Bidwell Ck nr Fort Bidwell	APR-JUL	3.6	5.7	7.2		8.6	10.7	
McDermitt Ck nr McDermitt	APR-JUN							
Davis Ck	APR-JUL	0.42	3.2	6.8	54%	10.4	15.8	12.6
	APR-JUL	2651	3521	4270		5179	6879	
	APR-SEP	3135	4090	4900		5871	7659	

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3) Median value used in place of average

Forecast Exceedance Probabilities for Risk Assessment Chance that actual volume will exceed forecast								
Upper Humboldt River	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
Marys R nr Deeth	APR-JUL	0.68	10.4	17	47%	24	33	36
Lamoille Ck nr Lamoille	APR-JUL	5.6	13	18	62%	23	30	29
NF Humboldt R at Devils Gate	APR-JUL	0.68	7.4	13	41%	18.6	27	32
Humboldt R nr Elko	APR-JUL							133
SF Humboldt R at Dixie	APR-JUL	1.32	15.8	32	48%	48	72	66
Humboldt R nr Carlin	APR-JUL	38	87	120	59%	153	202	205
Humboldt R at Palisades	APR-JUL	6.8	44	84	37%	124	184	225

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Lower Humboldt River	Forecast Period	Forecast Exceedance Probabilities for Risk Assessment Chance that actual volume will exceed forecast						
		90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
Rock Ck nr Battle Mtn	APR-JUL	0.36	2.5	5.3	29%	8.2	12.4	18.2
Humboldt R at Comus	APR-JUL	2.2	22	65	30%	112	181	215
L Humboldt R nr Paradise	APR-JUL	0.097	0.58	2.1	22%	5.8	9.1	9.7
Martin Ck nr Paradise	APR-JUL	0.53	2.9	7.9	45%	13	18.2	17.5
Humboldt R nr Imlay	APR-JUL	1.88	7.5	20	11%	79	173	178

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Forecast Exceedance Probabilities for Risk Assessment Chance that actual volume will exceed forecast								
Clover Valley & Franklin River	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
Franklin Ck nr Arthur	APR-JUL	2.2	3.3	4		4.7	5.8	

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Forecast Exceedance Probabilities for Risk Assessment								
Snake River Basin	Forecast Period	Chance that actual volume will exceed forecast						
		90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
Salmon Falls Ck nr San Jacinto	APR-JUL	25	36	45	64%	55	71	70

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Forecast Exceedance Probabilities for Risk Assessment								
Owyhee River Basin	Forecast Period	Chance that actual volume will exceed forecast						
		90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
Owyhee R nr Gold Ck ²	APR-III	0.26	1.88	4.4	20%	8.5	18.4	22

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Forecast Exceedance Probabilities for Risk Assessment
Chance that actual volume will exceed forecast

	APR-JUL	0.072	0.36	1	28%	2.4	3.9	3.6
Lehman Ck nr Baker	APR-JUL	0.082	0.41	1		1.59	2.5	
Cleve Ck nr Ely	APR-JUL	0.088	0.46	1.4		2.3	3.7	
Steptoe Ck nr Ely	APR-JUL	0.081	0.28	0.7	29%	1.14	1.78	2.4

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Forecast Exceedance Probabilities for Risk Assessment	
Chance that actual volume will exceed forecast	

Lower Colorado River Basin	Forecast Period	90% (KAF)	70% (KAF)	50% (KAF)	% Avg	30% (KAF)	10% (KAF)	30yr Avg (KAF)
Virgin R at Littlefield	APR-JUL	5.6	14.1	22	34%	32	49	65
Lake Powell Inflow ²	APR-JUL	1180	1860	2400	34%	3010	4040	7160
Virgin R nr Hurricane	APR-JUL	6.9	14.8	22	35%	31	46	63

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